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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

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 now available on STN
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 NEWS 14 Nov 25 More calculated properties added to REGISTRY
 NEWS 15 Dec 04 CSA files on STN
 NEWS 16 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date
 NEWS 17 Dec 17 TOXCENTER enhanced with additional content
 NEWS 18 Dec 17 Adis Clinical Trials Insight now available on STN
 NEWS 19 Jan 29 Simultaneous left and right truncation added to COMPENDEX,
 ENERGY, INSPEC
 NEWS 20 Feb 13 CANCERLIT is no longer being updated
 NEWS 21 Feb 24 METADEX enhancements
 NEWS 22 Feb 24 PCTGEN now available on STN
 NEWS 23 Feb 24 TEMA now available on STN
 NEWS 24 Feb 26 NTIS now allows simultaneous left and right truncation
 NEWS 25 Feb 26 PCTFULL now contains images
 NEWS 26 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results
 NEWS 27 Mar 19 APOLLIT offering free connect time in April 2003
 NEWS 28 Mar 20 EVENTLINE will be removed from STN
 NEWS 29 Mar 24 PATDPAFULL now available on STN
 NEWS 30 Mar 24 Additional information for trade-named substances without
 structures available in REGISTRY
 NEWS 31 Apr 11 Display formats in DGENE enhanced
 NEWS 32 Apr 14 MEDLINE Reload
 NEWS 33 Apr 17 Polymer searching in REGISTRY enhanced
 NEWS 34 Apr 21 Indexing from 1947 to 1956 being added to records in CA/CAPLUS
 NEWS 35 Apr 21 New current-awareness alert (SDI) frequency in
 WPIDS/WPINDEX/WPIX
 NEWS 36 Apr 28 RDISCLOSURE now available on STN
 NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
 MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
 AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
 STN Operating Hours Plus Help Desk Availability
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NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:49:44 ON 30 APR 2003

=> fil reg		
COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 10:49:51 ON 30 APR 2003
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STRUCTURE FILE UPDATES: 29 APR 2003 HIGHEST RN 507441-92-1
 DICTIONARY FILE UPDATES: 29 APR 2003 HIGHEST RN 507441-92-1

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

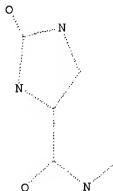
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>
 Uploading 10015328.str

L1 STRUCTURE UPLOADED

=> d
 L1 HAS NO ANSWERS
 L1 STR



Structure attributes must be viewed using STN Express query preparation.

```
=> s l1
SAMPLE SEARCH INITIATED 10:50:07 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 42 TO ITERATE

100.0% PROCESSED      42 ITERATIONS      22 ANSWERS
SEARCH TIME: 00.00.01
```

```
FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:   452 TO   1228
PROJECTED ANSWERS:      159 TO   721
```

L2 22 SEA SSS SAM L1

```
=> s l1 full
FULL SEARCH INITIATED 10:50:10 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 711 TO ITERATE

100.0% PROCESSED      711 ITERATIONS      402 ANSWERS
SEARCH TIME: 00.00.01
```

L3 402 SEA SSS FUL L1

```
=> fil caplus
COST IN U.S. DOLLARS      SINCE FILE      TOTAL
                           ENTRY      SESSION
FULL ESTIMATED COST      148.15      148.36
```

FILE 'CAPLUS' ENTERED AT 10:50:13 ON 30 APR 2003
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FILE COVERS 1907 - 30 Apr 2003 VOL 138 ISS 18
FILE LAST UPDATED: 29 Apr 2003 (20030429/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3
L4 98 L3

=> fil reg		
COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.42	148.78

FILE 'REGISTRY' ENTERED AT 10:50:43 ON 30 APR 2003
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STRUCTURE FILE UPDATES: 29 APR 2003 HIGHEST RN 507441-92-1
DICTIONARY FILE UPDATES: 29 APR 2003 HIGHEST RN 507441-92-1

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

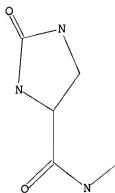
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>
Uploading 10015328.str

L5 STRUCTURE UPLOADED

=> d
L5 HAS NO ANSWERS
L5 STR



Structure attributes must be viewed using STN Express query preparation.

```
=> s 15 subset=13 full
FULL SUBSET SEARCH INITIATED 10:51:01 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED - 402 TO ITERATE

100.0% PROCESSED 402 ITERATIONS 340 ANSWERS
SEARCH TIME: 00.00.01

L6 340 SEA SUB=L3 SSS FUL L5
```

```
=> fil caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 35.30 184.08
```

FILE 'CAPLUS' ENTERED AT 10:51:05 ON 30 APR 2003
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 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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FILE COVERS 1907 - 30 Apr 2003 VOL 138 ISS 18
 FILE LAST UPDATED: 29 Apr 2003 (20030429/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> s 16
L7 78 L6

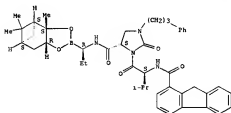
=> s 17 and hepatitis
```

37918 HEPATITIS

L8 3 L7 AND HEPATITIS

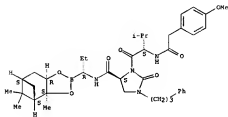
=> d ibib abs hitstr 1-3

LE ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 437755-48-1 CAPLUS
 CH 4-imidazolidinonecarboxamide, N-[(1R)-1-[(3aS,4S,6S,7aH)-hexahydro-3a,5,6-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-3-[(2S)-2-[[4-methoxyphenyl]amino]carbonyl]-2-methyl-1-oxobutyl]-2-oxo-1-(3-phenylpropyl)-, (4S) - (SC1) [CA INDEX NAME]

Absolute stereochemistry.



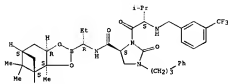
RN 437755-49-2 CAPLUS
 CH Carboxylic acid, [[1S]-1-[[[1S]-5-[[[1R]-1-[(3aS,4S,6S,7aH)-hexahydro-3a,5,6-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]-3-butoxy]amino]carbonyl]-2-oxo-3-(3-phenylpropyl)-1-imidazolidinyl]carbonyl]-2-methylpropyl]-, 9H-fluoren-9-ylmethyl ester (SC1) [CA INDEX NAME]

Absolute stereochemistry.

LE ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)

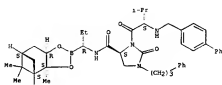
phenylpropyl)-, (4S) - (SC1) [CA INDEX NAME]

Absolute stereochemistry.



RN 437755-62-7 CAPLUS
 CH 4-imidazolidinonecarboxamide, 3-[(2S)-2-[[[1R]-1-biphenyl]-4-ylmethyl]amino]-3-methyl-1-oxobutyl]-2-oxo-1-[(3S)-1-[(3aS,4S,6S,7aH)-hexahydro-3a,5,6-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-2-oxo-3-(3-phenylpropyl)-, (4S) - (SC1) [CA INDEX NAME]

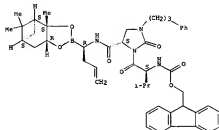
Absolute stereochemistry.



RN 437755-63-8 CAPLUS
 CH Carboxylic acid, [[1S]-1-[[[1S]-5-[[[1R]-1-[(3aS,4S,6S,7aH)-hexahydro-3a,5,6-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]amino]carbonyl]-2-oxo-3-(3-phenylpropyl)-1-imidazolidinyl]carbonyl]-2-methylpropyl]-, 9H-fluoren-9-ylmethyl ester (SC1) [CA INDEX NAME]

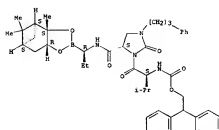
Absolute stereochemistry.

LE ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



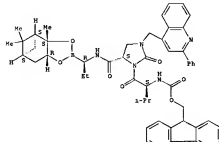
RN 437755-66-5 CAPLUS
 CH Carboxylic acid, [[1S]-1-[[[1S]-5-[[[1R]-1-[(3aS,4S,6S,7aH)-hexahydro-3a,5,6-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]amino]carbonyl]-2-oxo-3-(3-phenylpropyl)-1-imidazolidinyl]carbonyl]-2-methylpropyl]-, 9H-fluoren-9-ylmethyl ester (SC1) [CA INDEX NAME]

Absolute stereochemistry.



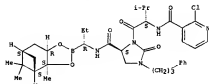
RN 437755-61-6 CAPLUS
 CH 4-imidazolidinonecarboxamide, N-[(1R)-1-[(3aS,4S,6S,7aH)-hexahydro-3a,5,6-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-3-[(2S)-2-[[4-methoxyphenyl]amino]carbonyl]-2-methyl-1-oxobutyl]-2-oxo-1-(3-phenylpropyl)-, (4S) - (SC1) [CA INDEX NAME]

LE ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 437755-64-9 CAPLUS
 CH 2-Pyridinonecarboxamide, 2-chloro-N-[(1R)-1-[[[1S]-5-[[[1R]-1-[(3aS,4S,6S,7aH)-hexahydro-3a,5,6-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]amino]carbonyl]-2-oxo-3-(3-phenylpropyl)-1-imidazolidinyl]carbonyl]-2-methylpropyl]-, (SC1) [CA INDEX NAME]

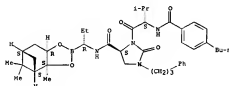
Absolute stereochemistry.



RN 437755-65-0 CAPLUS
 CH 4-imidazolidinonecarboxamide, 3-[(2S)-2-[(4-butoxybenzoyl]amino)-3-methyl-1-oxobutyl]-N-[(1R)-1-[(3aS,4S,6S,7aH)-hexahydro-3a,5,6-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-2-oxo-1-(3-phenylpropyl)-, (4S) - (SC1) [CA INDEX NAME]

Absolute stereochemistry.

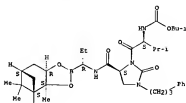
L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 437755-56-1 CAPLUS

CN Carbamic acid, {[(2S)-1-[[[(1S)-5-[[[(1R)-1-[(3aS,4S,6S,7aH)-hexahydro-3a,5,3-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]amino]carbonyl]-2-oxo-3-(3-phenylpropyl)-1-imidazolidinyl]carbonyl]-2-methylpropyl]-, 2-methylpropyl ester (RCI) (CA INDEX NAME)

Absolute stereochemistry.

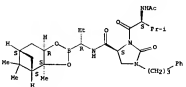


RN 437755-57-2 CAPLUS

CN 4-Imidazolidinecarbamide, 3-[(2S)-2-[[[benzoylamino]carbonyl]amino]-3-methyl-1-oxobutyl]-N-[(1R)-1-[(3aS,4S,6S,7aH)-hexahydro-3a,5,3-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-2-oxo-1-(3-phenylpropyl)-, (4S)- (RCI) (CA INDEX NAME)

Absolute stereochemistry.

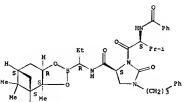
L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 437755-62-9 CAPLUS

CN 4-Imidazolidinecarbamide, 3-[(2S)-2-[(benzoylamino)-3-methyl-1-oxobutyl]-N-[(1R)-1-[(3aS,4S,6S,7aH)-hexahydro-3a,5,3-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-2-oxo-1-(3-phenylpropyl)-, (4S)- (RCI) (CA INDEX NAME)

Absolute stereochemistry.

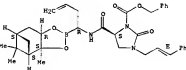


RN 437755-61-8 CAPLUS

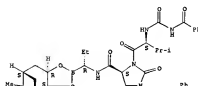
CN 1-Imidazolidinecarboxylic acid, 5-[[[(1R)-1-[(3aS,4S,6S,7aH)-hexahydro-3a,5,3-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]-3-butenyl]amino]carbonyl]-2-oxo-3-[(2E)-3-phenyl-2-propenyl]-, phenylmethyl ester, (5S)- (RCI) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.



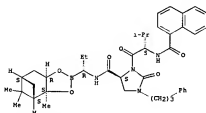
L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 437755-58-3 CAPLUS

CN 4-Imidazolidinecarbamide, N-[[[(1R)-1-[(3aS,4S,6S,7aH)-hexahydro-3a,5,3-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-3-[(2S)-3-methyl-2-[[1-methyl-2-oxo-1-(3-phenylpropyl)-1-oxobutyl]-2-oxo-1-(3-phenylpropyl)-, (4S)- (RCI) (CA INDEX NAME)

Absolute stereochemistry.



RN 437755-59-4 CAPLUS

CN 4-Imidazolidinecarbamide, 3-[(2S)-2-(acetylamino)-3-methyl-1-oxobutyl]-N-[(1R)-1-[(3aS,4S,6S,7aH)-hexahydro-3a,5,3-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-2-oxo-1-(3-phenylpropyl)-, (4S)- (RCI) (CA INDEX NAME)

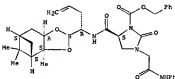
Absolute stereochemistry.

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)

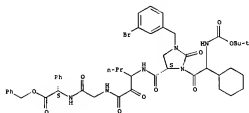
RN 437755-62-9 CAPLUS

CN 1-Imidazolidinecarboxylic acid, 5-[[[(1R)-1-[(3aS,4S,6S,7aH)-hexahydro-3a,5,3-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]-3-butenyl]amino]carbonyl]-2-oxo-3-[(2-oxo-2-phenylamino)ethyl]-, phenylmethyl ester, (5S)- (RCI) (CA INDEX NAME)

Absolute stereochemistry.

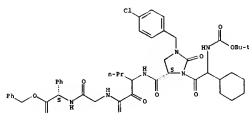


1A ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



HN 393547-35-8 CAPLUS
 CN Glycine, 2-cyclohexyl-N-[(1,1-dimethylethoxy)carbonyl]glycyl- (4S)-1-[(4-chlorophenyl)methyl]-2-oxo-4-imidazolidinonecarboxyl-3-amino-2-cyclohexanonylglycyl-2-phenyl-, phenylmethyl ester, (2S)- (1CI) [CA INDEX NAME]

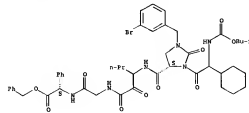
Absolute stereochemistry.



HN 393547-37-0 CAPLUS
 CN Glycine, 2-cyclohexyl-N-[(1,1-dimethylethoxy)carbonyl]glycyl- (4S)-1-[(3-chlorophenyl)methyl]-2-oxo-4-imidazolidinonecarboxyl-3-amino-2-cyclohexanonylglycyl-2-phenyl-, phenylmethyl ester, (2S)- (1CI) [CA INDEX NAME]

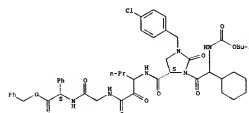
Absolute stereochemistry.

1A ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



HN 393547-52-8 CAPLUS
 CN Glycine, 2-cyclohexyl-N-[(2-methylpropoxy)carbonyl]glycyl- (4S)-1-[(4-chlorophenyl)methyl]-2-oxo-4-imidazolidinonecarboxyl-3-amino-2-cyclohexanonylglycyl-2-phenyl-, phenylmethyl ester, (2S)- (1CI) [CA INDEX NAME]

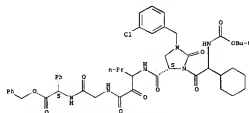
Absolute stereochemistry.



HN 393547-54-1 CAPLUS
 CN Glycine, 2-cyclohexyl-N-[(2-methylpropoxy)carbonyl]glycyl- (4S)-1-[(3-chlorophenyl)methyl]-2-oxo-4-imidazolidinonecarboxyl-3-amino-2-cyclohexanonylglycyl-2-phenyl-, phenylmethyl ester, (2S)- (1CI) [CA INDEX NAME]

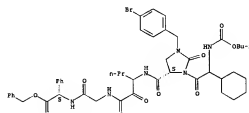
Absolute stereochemistry.

1A ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



HN 393547-55-2 CAPLUS
 CN Glycine, 2-cyclohexyl-N-[(2-methylpropoxy)carbonyl]glycyl- (4S)-1-[(4-bromophenyl)methyl]-2-oxo-4-imidazolidinonecarboxyl-3-amino-2-cyclohexanonylglycyl-2-phenyl-, phenylmethyl ester, (2S)- (1CI) [CA INDEX NAME]

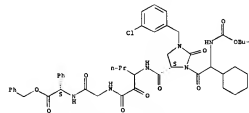
Absolute stereochemistry.



HN 393547-61-6 CAPLUS
 CN Glycine, 2-cyclohexyl-N-[(2-methylpropoxy)carbonyl]glycyl- (4S)-1-[(3-bromophenyl)methyl]-2-oxo-4-imidazolidinonecarboxyl-3-amino-2-cyclohexanonylglycyl-2-phenyl-, phenylmethyl ester, (2S)- (1CI) [CA INDEX NAME]

Absolute stereochemistry.

1A ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



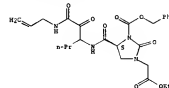
IT 393548-71-9P 393548-72-1P 393549-73-3P
 393548-78-7P 393548-81-1P 393548-83-3P
 393548-88-1P 393548-91-7P 393548-89-9P
 393548-81-2P 393548-93-9P 393548-91-7P
 393548-87-0P 393548-90-8P 393548-91-7P
 393547-03-0P 393547-05-2P 393547-08-4P
 393547-11-0P 393547-13-0P 393547-14-0P
 393547-17-0P 393547-18-0P 393547-21-2P
 393547-23-0P 393547-25-0P 393547-27-0P
 393547-38-3P 393547-39-3P 393547-38-4P
 393547-41-0P 393547-42-0P 393547-44-0P
 393547-89-7P 393547-91-9P 393547-92-4P
 393547-75-0P 393547-77-0P 393547-78-0P
 393547-91-4P 393547-94-7P 393547-97-0P
 393547-88-0P 393547-91-4P 393547-93-3P
 393547-95-0P

RL PNC (Pharmacological activity): SYN (Synthetic preparation); TUS (Therapeutic use); BIO (Biological study); PREP (Preparation); USRS (Uses)

Group: of novel imidazolidinones as NS3-serine protease inhibitors of hepatitis C virus

HN 393548-71-9 CAPLUS
 CN 1-imidazolidinonecarboxylic acid, 2-oxo-4-[[1-[(2-methylpropoxy)amino]methyl]butyl]amino]methyl-3-[(phenylethoxy)carbonyl]-, ethyl ester, (4S)- (1CI) [CA INDEX NAME]

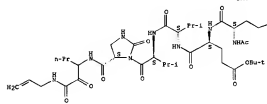
Absolute stereochemistry.



Absolute stereochemistry.

18 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)

PAGE 1-A



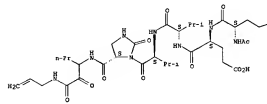
PAGE 1-2



RN 393546-93-5 CAPLUS
 CN 4-imidazolidinecarboxamide, N-acetyl-L-, alpha.-glutamyl-L-, alpha.-glutamyl-L-, valyl-L-valyl-2-oxo-N-[1-(oxo(2-propenylamino)acetyl]butyl-, (4S)
 (FCI) (CA INDEX NAME)

Absolute stereochemistry.

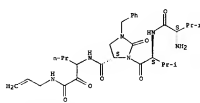
PAGE 1-A

 $\rightarrow \text{CO}_2\text{H}$

18 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)

IN 393547-01-8 CAPLUS
 CN 4-imidazolidinonecarboxamide, L-valyl-L-valyl-2-oxo-N-[1-(oxo(2-propenylidene)acetyl)butyl]-1-(phenylmethyl)-, (4S)- [9CI] (CA INDEX NAME)

Absolute stereochemistry.



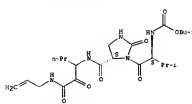
PN 393547-03-D CAPLUS
CN 4-imidazolidinecarboxamide, N-acetyl-L-.alpha.-glutamyl-L-.alpha.-glutamyl-L-valyl-L-valyl-2-oxo-N-[(1-oxo-2-propenylamino)acetyl]butyl]-1-(phenylmethyl)-, bis(1,1-dimethylethyl) ester, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

1.8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)

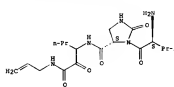
PN 393546-95-7 CAPLUS
CN Carbanic acid, [(1S)-2-methyl-1-[(3S)-2-oxo-5-[[[1-(oxo(2-propenylamino)acetyl]butyl)amino]carbonyl]-1-midazolidinyl]carbonyl]propyl-1-yl-1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 393546-97-9 CAP105
 CN 4-Imidazolidinecarboxamide, 3-[(2S)-2-amino-3-methyl-1-oxobutyl]-2-oxo-N-
 (1-[2-oxo-3-(2-oxo-3-methylbutyl)butyl]-4S)-19C1 (CA INDEX NAME)

Absolute stereochemistry



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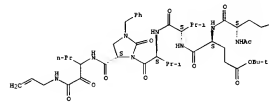
RM 393546-99-1 CAPLUS
CN 4-[indazolidinonecarboxamide, N-[(1,1-dimethylethoxy)carbonyl]-L-valyl-L-
    valyl-2-oxo-N-[(1-oxo(2-propenylamino)acetyl)butyl]-1-(phenylethyl)-,
    (4S)- (9CI) (CA INDEX NAME)

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Absolute stereochemistry

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)

PAGE 1-A



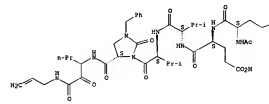
PAGE 1-7



RN 793547-05-2 CAPLUS
 CN 4-imidezolidinacarbonaxamide, N-acetyl-L- α -glutemyl-L- α -glutemyl-L-valyl-L-valyl-2-oxo-N-[1-[oxo(2-propenylamino)acetyl]butyl]-1-(phenylmethyl)-, (4S)-(3CI) (CA INDEX NAME)

Absolute stereochemistry.

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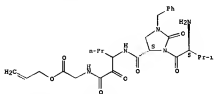
 $\rightarrow \text{CO}_2 + \text{H}_2\text{O}$

IN 393547-09-6 CAPLUS
 CN Glycine, L-velyl-(4S)-2-oxo-1-(phenylmethyl)-4-imidazolidinonecarbonyl-3-oxo-3-oxohexanoate, 3-propenyl ester (RC1) JCA (INDEX NAME)

IN 393547-09-6 CAPLUS
 CN Glycine, L-velyl-(4S)-2-oxo-1-(phenylmethyl)-4-imidazolidinonecarbonyl-3-oxo-3-oxohexanoate, 3-propenyl ester (RC1) JCA (INDEX NAME)

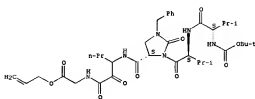
LE ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)

Absolute stereochemistry.



RN 393547-11-0 CAPLUS
CN Glycine, N-(1,1-dimethylethoxycarbonyl)-L-valyl-L-valyl-(4S)-2-amino-1-phenylethyl-4-imidazolidinonecarboxyl-3-amino-2-oxohexanoyl-, 2-propenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

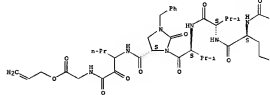


RN 393547-13-2 CAPLUS
CN Glycine, N-acetyl-L-alpha-glutamyl-L-alpha-glutamyl-L-valyl-L-valyl-(4S)-2-amino-1-phenylethyl-4-imidazolidinonecarboxyl-3-amino-2-oxohexanoyl-, 1,2-bis(1,1-dimethylethyl) 7-(2-propenyl) ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

LE ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)

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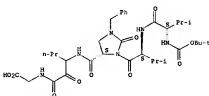


PAGE 1-B



RN 393547-17-6 CAPLUS
CN Glycine, N-(1,1-dimethylethoxycarbonyl)-L-valyl-L-valyl-(4S)-2-amino-1-phenylethyl-4-imidazolidinonecarboxyl-3-amino-2-oxohexanoyl-, 1,2-bis(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)

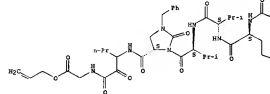
Absolute stereochemistry.



RN 393547-19-8 CAPLUS
CN Glycine, N-acetyl-L-alpha-glutamyl-L-alpha-glutamyl-L-valyl-L-valyl-(4S)-2-amino-1-phenylethyl-4-imidazolidinonecarboxyl-3-amino-2-oxohexanoyl-, 1,2-bis(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)

LE ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)

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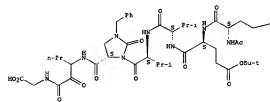
RN 393547-15-4 CAPLUS
CN Glycine, N-acetyl-L-alpha-glutamyl-L-alpha-glutamyl-L-valyl-L-valyl-(4S)-2-amino-1-phenylethyl-4-imidazolidinonecarboxyl-3-amino-2-oxohexanoyl-, 7-(2-propenyl) ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

LE ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)

Absolute stereochemistry.

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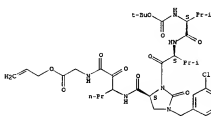


PAGE 1-B



RN 393547-21-2 CAPLUS
CN Glycine, N-(1,1-dimethylethoxycarbonyl)-L-valyl-L-valyl-(4S)-1-[3,4-dichlorophenylethyl]-2-amino-4-imidazolidinonecarboxyl-3-amino-2-oxohexanoyl-, 2-propenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

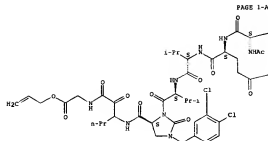


RN 393547-23-4 CAPLUS
CN Glycine, N-acetyl-L-alpha-glutamyl-L-alpha-glutamyl-L-valyl-L-valyl-(4S)-1-[3,4-dichlorophenylethyl]-2-amino-4-imidazolidinonecarboxyl-3-amino-2-oxohexanoyl-, 1,2-bis(1,1-dimethylethyl) 7-(2-propenyl) ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)

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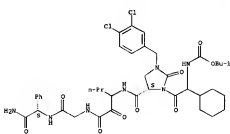


—082—

AN 393547-25-6 CAPLUS
CN Glycine, N-acetyl-L-,alpha.-glutamyl-L-,alpha.-glutamyl-L-valyl-L-valyl-
(4S)-1-[(3,4-dichlorophenyl)methyl]-2-oxo-4-imidazolidinecarboxyl-3-amino-
2-cyanoheptano-, 7-(2-propenyl) ester [9C] (CA INDEX NAME)

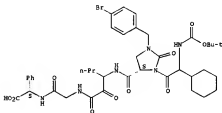
Absolute stereochemistry.

18 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



PN 393547-56-3 CAPLUS
 CN Glycine, 2-cyclohexyl-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(4S)-1-[(4-bromophenyl)methyl]-2-oxo-4-imidazolidinonecarboxyl-3-amino-2-oxohexanoylglycyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

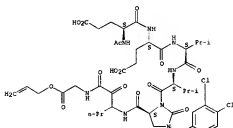
Absolute stereochemistry.



393547-59-6 CAPLUS
Glycine, 2-cyclohexyl-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(4S)-1-[(3-bromophenyl)methyl]-2-oxo-4-imidazolidinonecarbonyl-3-amino-2-cyclohexanoylglycyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

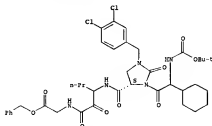
Absolute stereochemistry.

18 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



IN 393547-27-8 CAPJUS
 CH Glycine, 2-cyclohexyl-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(4S)-1-[(3,4-dichlorophenyl)methyl]-2-oxo-4-imidazolidinonecarboxyl-3-amino-2-oxohexanoyl-phenylmethyl ester (9CI) (CA INDEX NAME)

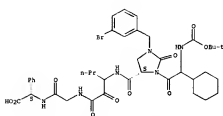
Absolute stereochemistry.



RN 393547-38-1 CAPLUS
CN Glycinamide, 2-cyclohexyl-N-[(2-methylpropionyl)carbonyl]glycyl-[(4S)-1-[(3,4-dichlorophenyl)methyl]-2-oxo-6-imidazolidinonecarbonyl-3-amino-2-oxoheptanoyl]glycyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

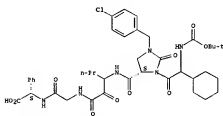
Absolute stereochemistry.

L1 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



PN 193547-61-0 CASUS
 CN Glycine, 2-cyclohexyl-N-[(1,1-dimethylethoxy)carbonyl]glycyl)-(4S)-1-[(4-chlorophenyl)methyl]-2-oxo-4-imidazolidinecarboxyl-3-amino-2-oxohexano[1,5-c]-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

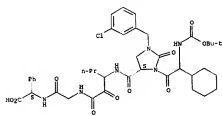
Absolute stereochemistry.



GN 393547-64-3 CAPLUS
 CN Glycine, 2-cyclohexenyl-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(4S)-1-[(3-
 chlorophenyl)methyl]-2-oxo-4-imidazolidinecarboxyl-1S-amino-2-
 oxoethanol[glycyl]-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

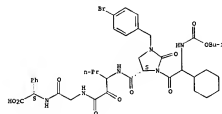
Absolute stereochemistry.

18 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 393547-66-5 CAPLUS
CN Glycine, 2-cyclohexyl-N-[(2-methylpropoxy)carbonyl]glycyl-(4S)-1-[(4-chlorophenyl)methyl]-2-oxo-4-oxidiazolidinecarboxyl-3-amino-2-oxoheptanoylglycyl-2-phenyl-, (2S)-(9CI) (CA INDEX NAME)

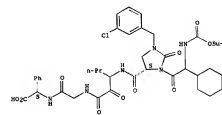
Absolute stereochemistry.



RN 393547-68-7 CAPLUS
CN Glycine, 2-cyclohexyl-N-[(2-methylpropoxy)carbonyl]glycyl-(4S)-1-[(3-bromophenyl)methyl]-2-oxo-4-oxidiazolidinecarboxyl-3-amino-2-oxoheptanoylglycyl-2-phenyl-, (2S)-(9CI) (CA INDEX NAME)

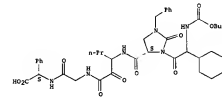
Absolute stereochemistry.

18 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 393547-75-6 CAPLUS
CN Glycine, 2-cyclohexyl-N-[(2-methylpropoxy)carbonyl]glycyl-(4S)-2-oxo-1-(phenylmethyl)-4-oxidiazolidinecarboxyl-3-amino-2-oxoheptanoylglycyl-2-phenyl-, (2S)-(9CI) (CA INDEX NAME)

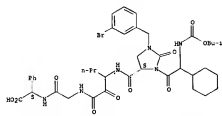
Absolute stereochemistry.



RN 393547-77-8 CAPLUS
CN Glycine, N-acetyl-L-valyl-2-cyclohexylglycyl-(4S)-2-oxo-1-(phenylmethyl)-4-oxidiazolidinecarboxyl-3-amino-2-oxoheptanoylglycyl-2-phenyl-, (2S)-(9CI) (CA INDEX NAME)

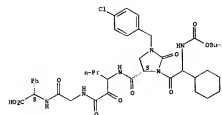
Absolute stereochemistry.

18 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 393547-71-2 CAPLUS
CN Glycine, 2-cyclohexyl-N-[(2-methylpropoxy)carbonyl]glycyl-(4S)-1-[(4-bromophenyl)methyl]-2-oxo-4-oxidiazolidinecarboxyl-3-amino-2-oxoheptanoylglycyl-2-phenyl-, (2S)-(9CI) (CA INDEX NAME)

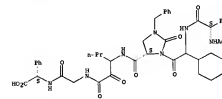
Absolute stereochemistry.



RN 393547-73-4 CAPLUS
CN Glycine, 2-cyclohexyl-N-[(2-methylpropoxy)carbonyl]glycyl-(4S)-1-[(3-chlorophenyl)methyl]-2-oxo-4-oxidiazolidinecarboxyl-3-amino-2-oxoheptanoylglycyl-2-phenyl-, (2S)-(9CI) (CA INDEX NAME)

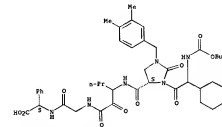
Absolute stereochemistry.

18 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 393547-79-0 CAPLUS
CN Glycine, 2-cyclohexyl-N-[(2-methylpropoxy)carbonyl]glycyl-(4S)-1-[(3,4-dimethylphenyl)methyl]-2-oxo-4-oxidiazolidinecarboxyl-3-amino-2-oxoheptanoylglycyl-2-phenyl-, (2S)-(9CI) (CA INDEX NAME)

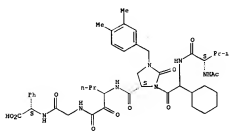
Absolute stereochemistry.



RN 393547-81-4 CAPLUS
CN Glycine, N-acetyl-L-valyl-2-cyclohexylglycyl-(4S)-1-[(2,4-dimethylphenyl)methyl]-2-oxo-4-oxidiazolidinecarboxyl-3-amino-2-oxoheptanoylglycyl-2-phenyl-, (2S)-(9CI) (CA INDEX NAME)

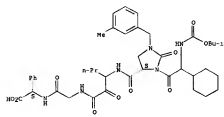
Absolute stereochemistry.

LE ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 393547-64-7 CAPLUS
CN Glycine, 2-cyclohexyl-N-[(2-methylpropyl)carboxyl]glycyl-1-[(3-methylphenyl)methyl]-2-oxo-4-imidazolidinonecarboxyl-3-amino-2-cyclohexanecarboxyl-2-phenyl-, (2S) - (9CI) (CA INDEX NAME)

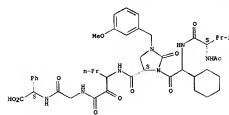
Absolute stereochemistry.



RN 393547-67-0 CAPLUS
CN Glycine, N-acetyl-L-valyl-2-cyclohexylglycyl-1-[(3-methylphenyl)methyl]-2-oxo-4-imidazolidinonecarboxyl-3-amino-2-cyclohexanecarboxyl-2-phenyl-, (2S) - (9CI) (CA INDEX NAME)

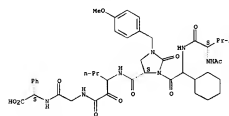
Absolute stereochemistry.

LE ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 393547-93-8 CAPLUS
CN Glycine, N-acetyl-L-valyl-2-cyclohexylglycyl-1-[(4-methoxyphenyl)methyl]-2-oxo-4-imidazolidinonecarboxyl-3-amino-2-cyclohexanecarboxyl-2-phenyl-, (2S) - (9CI) (CA INDEX NAME)

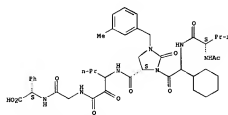
Absolute stereochemistry.



RN 393547-95-0 CAPLUS
CN Glycine, N-acetyl-L-valyl-2-cyclohexylglycyl-1-[(4-[[1,1-dimethylethyl]phenyl)methyl]-2-oxo-4-imidazolidinonecarboxyl-3-amino-2-cyclohexanecarboxyl-2-phenyl-, (2S) - (9CI) (CA INDEX NAME)

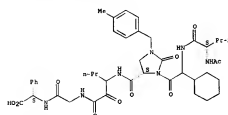
Absolute stereochemistry.

LE ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 393547-93-2 CAPLUS
CN Glycine, N-acetyl-L-valyl-2-cyclohexylglycyl-1-[(4-methylphenyl)methyl]-2-oxo-4-imidazolidinonecarboxyl-3-amino-2-cyclohexanecarboxyl-2-phenyl-, (2S) - (9CI) (CA INDEX NAME)

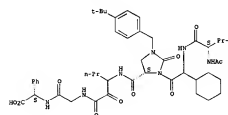
Absolute stereochemistry.



RN 393547-91-6 CAPLUS
CN Glycine, N-acetyl-L-valyl-2-cyclohexylglycyl-1-[(3-methoxyphenyl)methyl]-2-oxo-4-imidazolidinonecarboxyl-3-amino-2-cyclohexanecarboxyl-2-phenyl-, (2S) - (9CI) (CA INDEX NAME)

Absolute stereochemistry.

LE ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



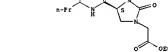
IT 393548-27-1P 393548-33-8P 393548-45-0P
393548-44-0P 393548-47-0P 393548-48-0P
RL: RCT (Reaction); SPW (Synthetic preparation); PREP (Preparation); RACT (Reaction or reaction)

(prepn. of novel imidazolidinones as HIV-protease inhibitors of importance to virology)

RN 393548-27-1 CAPLUS

CN 3-Imidazolidinonecarboxylic acid, 4-[[[1-[1-hydroxy-2-oxo-2-(2-propenylamino)ethyl]butyl]amino]carbonyl]-2-oxo-3-[[phenylmethoxycarbonyl]-, ethyl ester, (4S) - (9CI) (CA INDEX NAME)

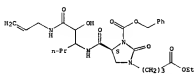
Absolute stereochemistry.



RN 393548-33-8 CAPLUS
CN 3-Imidazolidinonecarboxylic acid, 4-[[[1-[1-hydroxy-2-oxo-2-(2-propenylamino)ethyl]butyl]amino]carbonyl]-2-oxo-3-[[phenylmethoxycarbonyl]-, ethyl ester, (4S) - (9CI) (CA INDEX NAME)

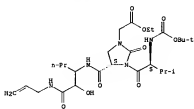
Absolute stereochemistry.

LE ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 393548-42-0 CAPLUS
 CN 1-Indazole-3-carboxylic acid, 3-[(2S)-2-[[1,1-dimethylethoxy]carbonyl]amino]-3-methyl-1-oxobutyl-4-[[1,1,1-trihydroxy-2-oxo-2-(2-propenylamino)ethyl]butyl]amino]carboxyl-2-oxo-, ethyl ester, (4S) - (1C1)
 (CA INDEX NAME)

Absolute stereochemistry.



RN 393548-44-2 CAPLUS
 CN 1-Indazole-3-carboxylic acid, 3-[(2S)-2-amino-3-methyl-1-oxobutyl]-4-[[1,1,1-trihydroxy-2-oxo-2-(2-propenylamino)ethyl]butyl]amino]carboxyl-2-oxo-, ethyl ester, monohydrochloride, (4S) - (1C1)
 (CA INDEX NAME)

Absolute stereochemistry.

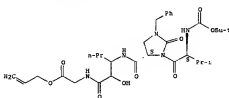
LE ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)

PAGE 1-B

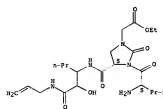
~ORu-t

RN 393548-68-0 CAPLUS
 CN Glycine, N-[[1,1-dimethylethoxy]carbonyl]-L-valyl-(4S)-2-oxo-1-(phenylmethyl)-4-[[1-oxo-1,2,3,4-tetrahydro-2H-pyridin-2-yl]butyl]amino]-2-propenyl ester (1C1)
 (CA INDEX NAME)

Absolute stereochemistry.



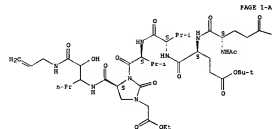
LE ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



● 1C1

RN 393548-47-5 CAPLUS
 CN 1-Indazole-3-carboxylic acid, 3-[(2S)-2-[[1,1-dimethylethoxy]carbonyl]amino]-3-methyl-1-oxobutyl-4-[[1,1,1-trihydroxy-2-oxo-2-(2-propenylamino)ethyl]butyl]amino]carboxyl-2-oxo-, ethyl ester, monohydrochloride, (4S) - (1C1)
 (CA INDEX NAME)

Absolute stereochemistry.



PAGE 1-A

=> d his

(FILE 'HOME' ENTERED AT 10:49:44 ON 30 APR 2003)

FILE 'REGISTRY' ENTERED AT 10:49:51 ON 30 APR 2003

L1 STRUCTURE UPLOADED

L2 22 S L1

L3 402 S L1 FULL

FILE 'CAPLUS' ENTERED AT 10:50:13 ON 30 APR 2003

L4 98 S L3

FILE 'REGISTRY' ENTERED AT 10:50:43 ON 30 APR 2003

L5 STRUCTURE UPLOADED

L6 340 S L5 FULL SUB=L3

FILE 'CAPLUS' ENTERED AT 10:51:05 ON 30 APR 2003

L7 78 S L6

L8 3 S L7 AND HEPATITIS

=> s l7 and boronic ester

3698 BORONIC

509226 ESTER

381868 ESTERS

715323 ESTER

(ESTER OR ESTERS)

338 BORONIC ESTER

(BORONIC(W)ESTER)

L9 0 L7 AND BORONIC ESTER

=> s l7 and boronic

3698 BORONIC

L10 2 L7 AND BORONIC

=> s l10 not l8

L11 2 L10 NOT L8

=> d ibib abs hitstr 1-2

=> log y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
32.07	216.15

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-3.26	-3.26

CA SUBSCRIBER PRICE

STN INTERNATIONAL LOGOFF AT 10:54:53 ON 30 APR 2003

Welcome to STN International! Enter x:x

LOGINID:ssspal600rxa

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Apr 08	"Ask CAS" for self-help around the clock
NEWS	3	Jun 03	New e-mail delivery for search results now available
NEWS	4	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	5	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	6	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	7	Sep 03	JAPIO has been reloaded and enhanced
NEWS	8	Sep 16	Experimental properties added to the REGISTRY file
NEWS	9	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS	10	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS	11	Oct 24	BEILSTEIN adds new search fields
NEWS	12	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS	13	Nov 18	DKILIT has been renamed APOLLIT
NEWS	14	Nov 25	More calculated properties added to REGISTRY
NEWS	15	Dec 04	CSA files on STN
NEWS	16	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS	17	Dec 17	TOXCENTER enhanced with additional content
NEWS	18	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS	19	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS	20	Feb 13	CANCERLIT is no longer being updated
NEWS	21	Feb 24	METADEX enhancements
NEWS	22	Feb 24	PCTGEN now available on STN
NEWS	23	Feb 24	TEMA now available on STN
NEWS	24	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS	25	Feb 26	PCTFULL now contains images
NEWS	26	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS	27	Mar 19	APOLLIT offering free connect time in April 2003
NEWS	28	Mar 20	EVENTLINE will be removed from STN
NEWS	29	Mar 24	PATDPAFULL now available on STN
NEWS	30	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS	31	Apr 11	Display formats in DGENE enhanced
NEWS	32	Apr 14	MEDLINE Reload
NEWS	33	Apr 17	Polymer searching in REGISTRY enhanced
NEWS	34	Apr 21	Indexing from 1947 to 1956 being added to records in CA/CAPLUS
NEWS	35	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS	36	Apr 28	RDISCLOSURE now available on STN
NEWS EXPRESS	April 4		CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS INTER			General Internet Information
NEWS LOGIN			Welcome Banner and News Items
NEWS PHONE			Direct Dial and Telecommunication Network Access to STN

NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:04:30 ON 30 APR 2003

=>

Uploading

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Do you want to switch to the Registry File?

Choice (Y/n):

Switching to the Registry File...

Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> FILE REGISTRY

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	5.67	5.67

FILE 'REGISTRY' ENTERED AT 10:20:21 ON 30 APR 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2003 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 29 APR 2003 HIGHEST RN 507441-92-1

DICTIONARY FILE UPDATES: 29 APR 2003 HIGHEST RN 507441-92-1

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

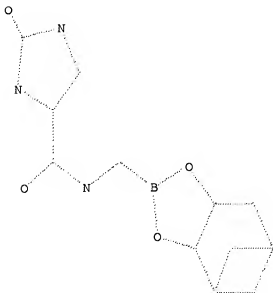
=>

Uploading 10015328.str

L1 STRUCTURE UPLOADED

```
=> display
ENTER (L1), L# OR ? :l1
L1 HAS NO ANSWERS
DISPLAY QUERY? (Y)/N:n
```

```
=> d
L1 HAS NO ANSWERS
L1 STR
```



Structure attributes must be viewed using STN Express query preparation.

```
=> s l1
SAMPLE SEARCH INITIATED 10:21:05 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 15 TO ITERATE
```

```
100.0% PROCESSED      15 ITERATIONS      1 ANSWERS
SEARCH TIME: 00.00.01
```

```
FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:   68 TO   532
PROJECTED ANSWERS:      1 TO    80
```

L2 1 SEA SSS SAM L1

```
=> s l1 full
FULL SEARCH INITIATED 10:21:08 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 337 TO ITERATE
```

```
100.0% PROCESSED      337 ITERATIONS      22 ANSWERS
SEARCH TIME: 00.00.01
```

L3 22 SEA SSS FUL L1

=> d scan

=> fil caplus
 COST IN U.S. DOLLARS
 FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
148.55	154.22

FILE 'CAPLUS' ENTERED AT 10:21:31 ON 30 APR 2003
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

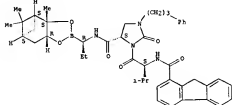
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FILE COVERS 1907 - 30 Apr 2003 VOL 138 ISS 18
 FILE LAST UPDATED: 29 Apr 2003 (20030429/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

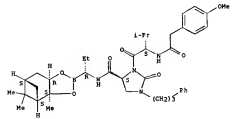
=> s l3
 L4 1 L3
 => d ibib abs hitstr

14 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS (Continued)



437755-48-1 CAPLUS
CN 4-maleimidinecarboxamide, N-[[13]-1-[[3ad,49,65,7ab]-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborole-2-yl]propyl]-3-[[2d]-2-[[4-methoxyphenyl]acetyl]amino]-2-methyl-1-methoxy]-2-oxo-1-(3-phenylpropyl)-1-(45)- (PCI) (CA INDEX NAME)

Absolute stereochemistry.



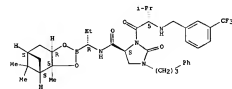
437755-49-3 CAPLUS
CN Carboxylic acid, [[15]-1-[[5d]-5-[[[13]-1-[[3ad,49,65,7ab]-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborole-2-yl]propyl]-3-[[2d]-2-[[4-methoxyphenyl]acetyl]amino]-2-methyl-1-methoxy]-2-oxo-1-(3-phenylpropyl)-1-ferrocenyl]carbonyl]-2-methylpropyl]-, 9H-fluorene-9-ylmethyl ester (PCI) (CA INDEX NAME)

Absolute stereochemistry.

14 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS (Continued)

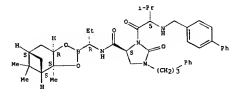
phenylpropyl)-, (45)- (PCI) (CA INDEX NAME)

Absolute stereochemistry.



437755-52-7 CAPLUS
CN 4-maleimidinecarboxamide, 3-[[25]-2-[[[13]-1-bisphenyl]-4-ylmethyl]amino]-2-methyl-1-methoxy]-N-[[13]-1-[[3ad,49,65,7ab]-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborole-2-yl]propyl]-2-oxo-1-(3-phenylpropyl)-1-(45)- (PCI) (CA INDEX NAME)

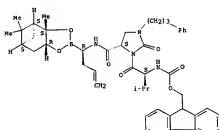
Absolute stereochemistry.



437755-53-8 CAPLUS
CN Carboxylic acid, [[13]-1-[[[5d]-5-[[[13]-1-[[3ad,49,65,7ab]-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborole-2-yl]propyl]amino]carbonyl]-2-oxo-1-(2-phenyl-4-quinolyl)ethyl]-1-ferrocenyl]carbonyl]-2-methylpropyl]-, 9H-fluorene-9-ylmethyl ester (PCI) (CA INDEX NAME)

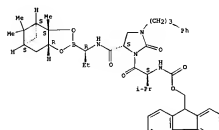
Absolute stereochemistry.

14 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS (Continued)



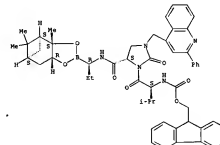
437755-59-5 CAPLUS
CN Carboxylic acid, [[13]-1-[[[5d]-5-[[[13]-1-[[3ad,49,65,7ab]-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborole-2-yl]propyl]amino]carbonyl]-2-oxo-1-(3-phenylpropyl)-1-ferrocenyl]carbonyl]-2-methylpropyl]-, 9H-fluorene-9-ylmethyl ester (PCI) (CA INDEX NAME)

Absolute stereochemistry.



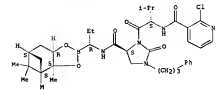
437755-61-6 CAPLUS
CN 4-maleimidinecarboxamide, N-[[13]-1-[[3ad,49,65,7ab]-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborole-2-yl]propyl]-3-[[2d]-2-methyl-1-oxo-2-[[[13-trifluoromethyl]phenyl]methyl]amino]butyl]-2-oxo-1-(3-

14 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS (Continued)



437755-64-9 CAPLUS
CN 2-Pyridinecarboxamide, 2-chloro-N-[[13]-1-[[[5d]-5-[[[13]-1-[[3ad,49,65,7ab]-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborole-2-yl]propyl]amino]carbonyl]-2-oxo-1-(3-phenylpropyl)-1-ferrocenyl]carbonyl]-2-methylpropyl]- (PCI) (CA INDEX NAME)

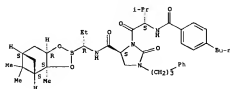
Absolute stereochemistry.



437755-65-0 CAPLUS
CN 4-maleimidinecarboxamide, 3-[[25]-2-[[[4-buty]benzyl]amino]-3-methyl-1-oxobutyl]-N-[[13]-1-[[3ad,49,65,7ab]-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborole-2-yl]propyl]-2-oxo-1-(3-phenylpropyl)-, (45)- (PCI) (CA INDEX NAME)

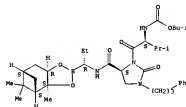
Absolute stereochemistry.

14 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS (Continued)



IN 437755-56-1 CAPLUS
CN Carbamic acid, 1-[[[5S]-5-[[[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]amino]carbonyl]-2-oxo-3-(2-phenylpropyl)-1,3-indazolidinyl]carbonyl]-2-methylpropyl]-, 2-methylpropyl ester (9CI) (CA INDEX NAME)

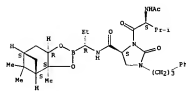
Absolute stereochemistry.



IN 437755-57-2 CAPLUS
CN 4-Indazolidinonecarboxamide, 3-[(2S)-2-[[[benzoylamino]carbonyl]amino]-3-methyl-1-oxobutyl]-N-[[1R]-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-2-oxo-1-[3-phenylpropyl]-, (4S)- (9CI) (CA INDEX NAME)

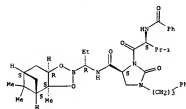
Absolute stereochemistry.

14 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS (Continued)

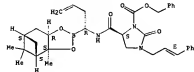


IN 437755-62-9 CAPLUS
CN 4-Indazolidinonecarboxamide, 3-[(2S)-2-[[[benzoylamino]-3-methyl-1-oxobutyl]-N-[[1R]-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-2-oxo-1-[3-phenylpropyl]-, (4S)- (9CI) (CA INDEX NAME)

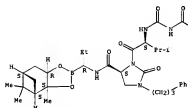
Absolute stereochemistry.



IN 437755-61-4 CAPLUS
CN 4-Indazolidinonecarboxylic acid, 5-[[[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]-3-benzoylamino]carbonyl]-2-oxo-3-(2S)-2-phenylpropyl]-, phenylmethyl ester, (5S)- (9CI) (CA INDEX NAME)

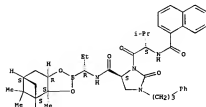
Absolute stereochemistry.
Double bond geometry as shown.

14 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS (Continued)



IN 437755-58-3 CAPLUS
CN 4-Indazolidinonecarboxamide, N-[[1R]-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-3-[(2S)-3-methyl-2-[[1-naphthalenyl]carbonyl]amino]-1-oxobutyl]-2-oxo-1-[3-phenylpropyl]-, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



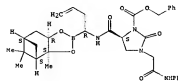
IN 437755-59-4 CAPLUS
CN 4-Indazolidinonecarboxamide, 3-[(2S)-2-[[[acetamidino]-3-methyl-1-oxobutyl]-N-[[1R]-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-2-oxo-1-[3-phenylpropyl]-, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

14 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS (Continued)

IN 437755-62-9 CAPLUS
CN 1-Indazolidinonecarboxylic acid, 5-[[[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]-3-benzoylamino]carbonyl]-2-oxo-3-(2-oxo-2-phenylaminoethyl)-, phenylmethyl ester, (5S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



=> log y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
6.62	160.84

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-0.65	-0.65

CA SUBSCRIBER PRICE

STN INTERNATIONAL LOGOFF AT 10:24:24 ON 30 APR 2003

Day : Wednesday

Date: 4/30/2003

Time: 09:28:34

PALM INTRANET

Inventor Name Search Result

Your Search was:

Last Name = HAN

First Name = AMY

Application#	Patent#	Status	Date Filed	Title	Inventor Name
60324874	Not Issued	020	09/26/2001	COMPOUNDS USEFUL FOR TREATING HEPATITIS C VIRUS	HAN, AMY QI
60068139	Not Issued	159	12/18/1997	NUCLEOTIDE SEQUENCES OF MORAXELLA CATARRHALIS GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN, AMY L.
60062978	Not Issued	159	10/17/1997	NUCLEOTIDE SEQUENCES OF CANDIDA ALBICANS GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN, AMY L.
60062054	Not Issued	159	10/17/1997	NUCLEOTIDE SEQUENCES OF STREPTOCOCCUS PNEUMONIAE GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN, AMY L.
60062053	Not Issued	159	10/17/1997	NUCLEOTIDE SEQUENCES OF MORAXELLA CATARRHALIS GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN, AMY L.
60062000	Not Issued	159	10/17/1997	NUCLEOTIDE SEQUENCE OF ENTEROCOCCUS FAECALIS GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN, AMY L.
60061999	Not Issued	159	10/17/1997	NUCLEOTIDE SEQUENCES OF NEISERRIA MENINGITIDIS GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN, AMY L.
60061998	Not	159	10/17/1997	NUCLEOTIDE SEQUENCES OF	HANN, AMY L.

	Issued			STREPTOCOCCUS PNEUMONIAE GENOME, FRAGMENTS THEREOF, AND USES THEREOF	
<u>60061935</u>	Not Issued	159	10/17/1997	NUCLEOTIDE SEQUENCES OF STREPTOCOCCUS PYOGENES GENOME FRAGMENTS THEREOF AND USES THEREOF	HANN , AMY L
<u>60057044</u>	Not Issued	159	08/15/1997	NUCLEOTIDE SEQUENCES OF MORAXELLA CATARRHALIS GENOME FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60056336</u>	Not Issued	159	08/13/1997	NUCLEOTIDE SEQUENCES OF STREPTOCOCCUS PNEUMONIAE GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60056329</u>	Not Issued	159	08/13/1997	NUCLEOTIDE SEQUENCES OF ENTEROCOCCUS FAECIUM GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60055731</u>	Not Issued	159	08/13/1997	NUCLEOTIDES SEQUENCES OF ENTEROCOCCUS FAECALIS GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60051752</u>	Not Issued	159	06/20/1997	NUCLEOTIDE SEQUENCES OF STREPTOCOCCUS PNEUMONIAE GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60050444</u>	Not Issued	159	06/20/1997	NUCLEOTIDE SEQUENCES OF ENTEROCOCCUS FAECALIS GENOME, FRAGMENTS, THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60050443</u>	Not Issued	159	06/20/1997	NUCLEOTIDE SEQUENCES OF ENTEROCOCCUS FAECIUM GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60050442</u>	Not Issued	159	06/20/1997	NUCLEOTIDE SEQUENCES OF CANDIDA ALBICANS GENOME, FRAGMENTS	HANN , AMY L.

				THEREOF, AND USES THEREOF	
<u>60049799</u>	Not Issued	159	06/16/1997	NUCLEOTIDE SEQUENCES OF STREPTOCOCCUS PYOGENES GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60047090</u>	Not Issued	159	05/19/1997	NUCLEOTIDE SEQUENCES OF STREPTOCOCCUS PYOGENES GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60045649</u>	Not Issued	159	04/18/1997	NUCLEOTIDE SEQUENCES OF ENTEROCOCCUS FAECALIS GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60044809</u>	Not Issued	159	04/25/1997	EXERCISE ARCADE	HANES , AMY
<u>29142733</u>	Not Issued	095	05/31/2001	SYNCHRONIZATION CRADLE FOR A HANDHELD COMPUTER	HAN, AMY A.
<u>29116923</u>	D473237	150	01/12/2000	SURFACE ORNAMENTATION FOR A HANDHELD COMPUTER OR A COMPUTER-GENERATED ICON FOR A HANDHELD COMPUTER	HAN, AMY A.
<u>29116917</u>	D466128	150	01/12/2000	SURFACE ORNAMENTATION FOR A HANDHELD COMPUTER OR A COMPUTER-GENERATED ICON FOR A HANDHELD COMPUTER	HAN, AMY
<u>29116916</u>	Not Issued	161	01/12/2000	ICON FOR A HANDHELD COMPUTER	HAN, AMY A.
<u>29116904</u>	Not Issued	093	01/12/2000	SURFACE ORNAMENTATION FOR A HANDHELD COMPUTER OF A COMPUTER-GENERATED ICON FOR A HANDHELD COMPUTER	HAN, AMY A.
<u>29095903</u>	D416001	150	10/30/1998	HANDHELD COMPUTER DEVICE	HAN , AMY AIMEI
<u>29095810</u>	D412162	150	10/30/1998	CRADLE FOR USE WITH A HANDHELD COMPUTER DEVICE	HAN , AMY AIMEI
<u>10287367</u>	Not Issued	041	11/04/2002	AMINO LACTAM SULFONAMIDES AS	HAN, AMY QI

				INHIBITORS OF A-BETA PROTEIN PRODUCTION	
<u>10116506</u>	Not Issued	030	04/04/2002	PROTECTION MECHANISMS FOR A PERSONAL DIGITAL ASSISTANT DISPLAY	HAN, AMY A.
<u>10114553</u>	Not Issued	030	04/02/2002	PERSONAL DIGITAL ASSISTANT	HAN, AMY A.
<u>10114548</u>	Not Issued	030	04/02/2002	POWER MANAGEMENT AND DEVICE ILLUMINATION MECHANISMS FOR A PERSONAL DIGITAL ASSISTANT	HAN, AMY A.
<u>10114365</u>	Not Issued	030	04/02/2002	INTEGRATED SHIELD AND SHOCK ABSORPTION IN A PERSONAL DIGITAL ASSISTANT	HAN, AMY A.
<u>10098994</u>	Not Issued	030	03/13/2002	NOVEL GUANIDINE MIMICS FACTOR XA INHIBITORS	HAN, AMY QI
<u>10080437</u>	Not Issued	020	02/21/2002	HANDHELD COMPUTER WITH OPEN ACCESSORY SLOT	HAN, AMY AIMEI
<u>10015328</u>	Not Issued	071	12/12/2001	IMIDAZOLIDINONES AND THEIR RELATED DERIVATIVES AS HEPATITIS C VIRUS NS3 PROTEASE INHIBITORS	HAN, AMY QI
<u>09898273</u>	Not Issued	161	07/02/2001	ENCASEMENT FOR A HANDHELD COMPUTER	HAN, AMY A.
<u>09745325</u>	<u>6490155</u>	150	12/20/2000	DETACHABLE COUPLING FOR HANDHELD COMPUTER AND PERIPHERAL ATTACHMENT SCHEME	HAN, AMY
<u>09684718</u>	<u>6503901</u>	150	10/07/2000	AMINO LACTAM SULFONAMIDES AS INHIBITORS OF A-BETA PROTEIN PRODUCTION	HAN, AMY QI
<u>09662375</u>	Not Issued	161	09/13/2000	BUTTON PIVOT BAR	HAN, AMY
<u>09613028</u>	Not Issued	041	07/10/2000	VARIABLE TEMPLATE INPUT AREA FOR A DATA INPUT DEVICE OF A HANDHELD ELECTRONIC SYSTEM	HAN, AMY
<u>09578529</u>	Not Issued	041	05/24/2000	PORTABLE COMPUTER SYSTEM HAVING MODULES COUPLED WITH A HINGE	HAN, AMY
<u>09502169</u>	<u>6266240</u>	150	02/11/2000	ENCASEMENT FOR A	HAN, AMY A.

				HANDHELD COMPUTER	
09451630	Not Issued	161	11/30/1999	COVER FOR A HANDHELD COMPUTER	HAN, AMY
09318886	6283777	150	05/26/1999	DUAL STYLE CONNECTOR FOR HANDHELD COMPUTER	HAN, AMY A.
09283668	6246577	150	04/01/1999	CRADLE WITH COMBINED STATUS INDICATOR LIGHT AND STYLUS HOLDER	HAN, AMY A.
09246781	Not Issued	161	02/04/1999	HANDHELD COMPUTER	HAN, AMY AIMEI
09244613	6388870	150	02/04/1999	HOUSING FOR A HANDHELD COMPUTER	HAN, AMY AIMEI
09244440	6388877	150	02/04/1999	HANDHELD COMPUTER WITH OPEN ACCESSORY SLOT	HAN, AMY AIMEI
09201650	6147314	150	11/30/1998	BUTTON PIVOT BAR	HAN, AMY
09201443	Not Issued	061	11/30/1998	METHOD OF OPERATING STYLUS TAPPABLE PALM SIZED COMPUTER BUTTONS	HAN, AMY

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Last Name = HAN

First Name = AMY

Application#	Patent#	Status	Date Filed	Title	Inventor Name
60344328	Not Issued	020	01/03/2002	UNIFORM BAR/CAKE CUTTER	HANSON, AMY ELAINE
60172253	Not Issued	019	10/29/1998	OXADIAZOLE,THIADIAZOLE AND TRIAZOLE DERIVATIVES AND COMBINATORIAL LIBRARIES THEREOF	HANNAH , AMY L.
60082302	Not Issued	159	04/17/1998	NUCLEOTIDE SEQUENCES OF PSEUDOMONAS AERUGINOSA GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
60082301	Not Issued	159	04/17/1998	NUCLEOTIDE SEQUENCES OF ASPERGILLUS FUMIGATUS GENOME FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
60082269	Not Issued	159	04/17/1998	NUCLEOTIDE SEQUENCES OF ASPERGILLUS FUMIGATUS GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
60082268	Not Issued	159	04/17/1998	NUCLEOTIDE SEQUENCES OF ASPERGILLUS FUMIGATUS GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
60082116	Not Issued	159	04/17/1998	NUCLEOTIDE SEQUENCES OF MORAXELLA CATARRHALIS GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
60075465	Not Issued	159	02/02/1998	NUCLEOTIDE SEQUENCES OF KLEBSIELLA PNEUMONIAE GENOME, FRAGMENTS	HANN , AMY L.

				THEREOF, AND USES THEREOF	
<u>60075447</u>	Not Issued	159	02/20/1998	NUCLEOTIDE SEQUENCES OF STAPHYLOCOCCUS HAEMOLYTICUS GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60071793</u>	Not Issued	159	12/19/1997	NUCLEOTIDE SEQUENCES OF STREPTOCOCCUS PNEUMONIAE GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60069999</u>	Not Issued	159	12/17/1997	NUCLEOTIDE SEQUENCES OF PSEUDOMONAS AERUGINOSA GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60068217</u>	Not Issued	159	12/19/1997	NUCLEOTIDE SEQUENCES OF ENTEROCOCCUS FAECALIS GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60068186</u>	Not Issued	159	12/19/1997	NUCLEOTIDE SEQUENCES OF ENTEROCOCCUS FAECIUM GENOM, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60068175</u>	Not Issued	159	12/19/1997	NUCLEOTIDE SEQUENCES OF STREPTOCOCCUS PNEUMONIAE GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60068139</u>	Not Issued	159	12/18/1997	NUCLEOTIDE SEQUENCES OF MORAXELLA CATARRHALIS GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60068138</u>	Not Issued	159	12/18/1997	NUCLEOTIDE SEQUENCES OF NEISSERIA MENINGITIDIS GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60061986</u>	Not Issued	159	10/16/1997	NUCLEOTIDE SEQUENCES OF ENTEROCOCCUS FAECIUM GENOME FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.

60056330	Not Issued	159	08/13/1997	NUCLEOTIDE SEQUENCES OF STREPTOCOCCUS PYOGENES GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
60055730	Not Issued	159	08/13/1997	NUCLEOTIDE SEQUENCES OF STREPTOCOCCUS PNEUMONIAE GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
60046653	Not Issued	159	05/16/1997	NUCLEOTIDE SEQUENCES OF ENTEROCOCCUS FAECALIS GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
10304838	Not Issued	020	11/25/2002	DETERMINING A FINAL EXPOSURE SETTING AUTOMATICALLY FOR A SOLID STATE CAMERA WITHOUT A SEPARATE LIGHT METERING CIRCUIT	HANSEN, AMY E.
09819935	Not Issued	094	03/28/2001	2-AMINOBENZOXAZOLE DERIVATIVES AND COMBINATORIAL LIBRARIES THEREOF	HANNAH, AMY L.
09429242	Not Issued	071	10/28/1999	OXADIAZOLE THIADIAZOLE AND TRIAZOLE DERIVATIVES AND COMBINATORIAL LIBRARIES THEREOF	HANNAH, AMY L.
09294851	6486915	150	04/20/1999	DETERMINING A FINAL EXPOSURE SETTING AUTOMATICALLY FOR A SOLID STATE CAMERA WITHOUT A SEPARATE LIGHT METERING CIRCUIT	HANSEN , AMY E.
09292573	6079586	150	04/15/1999	COMBINATION CUP AND FOOD CONTAINER	HANNEMAN , AMY L.

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Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>60391784</u>	Not Issued	020	06/26/2002	BICYCLIC PYRIMIDINONES AS COAGULATION CASCADE INHIBITORS	GLUNZ, PETER W.
<u>60324874</u>	Not Issued	020	09/26/2001	COMPOUNDS USEFUL FOR TREATING HEPATITIS C VIRUS	GLUNZ, PETER
<u>60255290</u>	Not Issued	020	12/13/2000	INHIBITORS OF HEPATITIS C VIRUS NS3 PROTEASE	GLUNZ, PETER
<u>60079312</u>	Not Issued	159	03/25/1998	TRIMERIC ANTIGENIC O-LINKED GLYCOPEPTIDE CONJUGATES, METHODS OF PREPARATION AND USES THEREOF	GLUNZ, PETER
<u>10205021</u>	Not Issued	030	07/25/2002	ALPHA-O-LINKED GLYCOCONJUGATES, METHODS OF PREPARATION AND USES THEREOF	GLUNZ, PETER
<u>10015328</u>	Not Issued	071	12/12/2001	IMIDAZOLIDINONES AND THEIR RELATED DERIVATIVES AS HEPATITIS C VIRUS NS3 PROTEASE INHIBITORS	GLUNZ, PETER W.
<u>10015304</u>	Not Issued	071	12/12/2001	INHIBITORS OF HEPATITIS C VIRUS NS3 PROTEASE	GLUNZ, PETER WILLIAM
<u>09276595</u>	Not Issued	041	03/25/1999	TRIMERIC ANTIGENIC O-LINKED GLYCOPEPTIDE CONJUGATES, METHODS OF PREPARATION AND USES THEREOF	GLUNZ, PETER

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